# ZS10-PR

TE Connectivity has acquired the DIN Rail Terminal Block product range from ABB

Products → Low Voltage Products and Systems → Connection Devices → Terminal Blocks → SNK Series

## General Information

| | |
|---|---|
| **Extended Product Type:** | ZS10-PR |
| **Product ID:** | 1SNK508063R0000 |
| **EAN:** | 3472595080632 |
| **Catalog Description:** | ZS10-PR Screw Clamp Terminal Block - Feed-through - Purple |
| **Long Description:** | - Save space by connecting conductors up to 10 mm² (without insulated fer rule, CB certified) 6 AWG in just 8 mm 0.315 in spacing, - Perfectly adapte d to solar applications: voltage is rated 1000 V AC / DC IEC. |

## Ordering

| | |
|---|---|
| **Color:** | Purple |
| **Minimum Order Quantity:** | 50 piece |
| **Customs Tariff Number:** | 85369010 |

## Popular Downloads

| | |
|---|---|
| **Data Sheet, Technical Information:** | 1SNK161004D0201 |
| **Instructions and Manuals:** | 1SNK160027C0201 |

## Dimensions

| | |
|---|---|
| **Product Net Width:** | 8 mm |
| **Product Net Height:** | 53 mm |
| **Product Net Length:** | 47.3 mm |
| **Product Net Depth / Length:** | 47.3 mm |
| **Product Net Weight:** | 14.1 g |

## Technical

| | |
|---|---|
| **Rated Cross-Section:** | 10 mm² |
| **Spacing:** | 8 mm |
| **Connection Type:** | Screw clamp |
| **Function:** | Feed-through |
| **Number of Levels:** | 1 |
| **Connecting Capacity Main Circuit:** | Screw Clamp / Flexible 1x 0.5 ... 10 mm²<br>Screw Clamp / Flexible 2x 0.5 ... 4 mm²<br>Screw Clamp / Rigid 1x 0.5 ... 10 mm²<br>Screw Clamp / Rigid 2x 0.5 ... 4 mm²<br>Screw Clamp / With Insulated Ferrrule 1x 0.5 ... 6 mm²<br>Screw Clamp / Without Insulated Ferrule 1x 0.5 ... 10 mm²<br>Screw Clamp / With Twin Ferrule 2x 0.5 ... 4 mm² |

Downloaded from Arrow.com.

| | |
|---|---|
| **Gauge Type:** | A5-B5 |
| **Rated Current ($I_n$):** | Main Circuit 57 A |
| **Rated Short-time Withstand Current ($I_{cw}$):** | for 1 s 1200 A |
| **Rated Voltage ($U_r$):** | 1000 V |
| **Rated Impulse Withstand Voltage ($U_{imp}$):** | 8000 V |
| **Dielectric Test Voltage:** | 2200 V |
| **Pollution Degree:** | 3 |
| **Power Loss:** | 1.8 W |
| **Degree of Protection:** | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20 |
| **Insulation Material:** | Polyamide |
| **Mounting on DIN Rail:** | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715<br>TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| **Wire Stripping Length:** | 12.0 mm |
| **Recommended Screw Driver:** | 4 mm |

## Technical UL/CSA

| | |
|---|---|
| **Maximum Operating Voltage UL/CSA:** | Main Circuit 600 V |
| **Connecting Capacity Main Circuit UL/CSA:** | Screw Clamp / Flexible 1x 24 ... 6 AWG<br>Screw Clamp / Flexible 2x 20 ... 12 AWG<br>Screw Clamp / Rigid 1x 24 ... 6 AWG<br>Screw Clamp / Rigid 2x 20 ... 12 AWG<br>Screw Clamp / With Insulated Ferrrule 1x 24 ... 10 AWG<br>Screw Clamp / Without Insulated Ferrule 1x 24 ... 8 AWG<br>Screw Clamp / With Twin Ferrule 2x 20 ... 12 AWG |
| **Connecting Capacity UL/CSA:** | Stranded 6 AWG |
| **Flammability According to UL94:** | V0 |
| **Short-Circuit Current Rating (SCCR):** | 100 kA |

## Environmental

| | |
|---|---|
| **Ambient Air Temperature:** | Operation -55 ... +110 °C<br>Storage -55 ... +110 °C |
| **Resistance to Vibrations acc. to IEC 60068-2-6:** | Compliant |
| **RoHS Status:** | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| **ATEX Certificate:** | 1SND162004A1708 |
| **BV Certificate:** | 1SND161073A0204 |

Downloaded from Arrow.com.

| | |
|---|---|
| **CB Certificate:** | 1SND161018A0202 |
| **CSA Certificate:** | 1SND161070A0209 |
| **cUL Certificate:** | 1SND161040A0206 |
| **Declaration of Conformity - CE:** | 1SND225112U1004 |
| **DNV Certificate:** | 1SND161087A0202 |
| **EAC Certificate:** | 1SND161010A1100 |
| **Environmental Information:** | 1SND220071E1000 |
| **Instructions and Manuals:** | 1SNK160027C0201 |
| **RINA Certificate:** | 1SND161088A0200 |
| **RMRS Certificate:** | 1SND161008A1101 |
| **RoHS Information:** | 1SND230491F0206 |

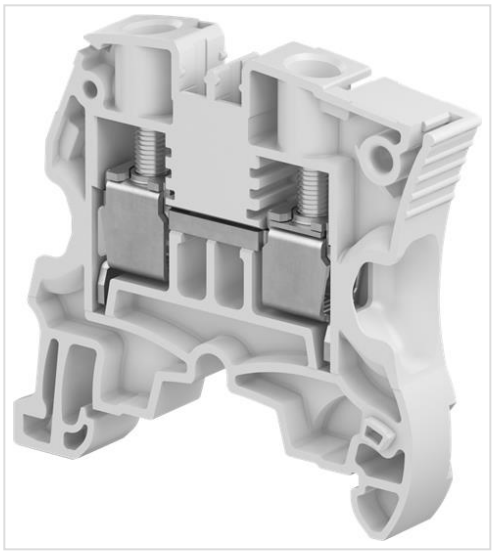
## Classifications

| | |
|---|---|
| **Object Classification Code:** | X |
| **E-nummer:** | 2925962 |
| **ETIM 4:** | EC000897 - Feed-through terminal block |
| **ETIM 5:** | EC000897 - Feed-through terminal block |
| **ETIM 6:** | EC000897 - Feed-through terminal block |

## Container Information

| | |
|---|---|
| **Package Level 1 Units:** | 50 piece |
| **Package Level 1 Width:** | 82 mm |
| **Package Level 1 Depth / Length:** | 252 mm |
| **Package Level 1 Height:** | 52 mm |
| **Package Level 1 Gross Weight:** | 0.705 kg |
| **Package Level 1 EAN:** | 3472595080632 |
| **Package Level 2 Units:** | 600 piece |
| **Package Level 2 Width:** | 300 mm |
| **Package Level 2 Depth / Length:** | 400 mm |
| **Package Level 2 Height:** | 200 mm |
| **Package Level 2 Gross Weight:** | 8.46 kg |
| **Package Level 3 Units:** | 28800 piece |
| **Product Packing Type:** | Box |

Downloaded from Arrow.com.



Downloaded from Arrow.com.